

IN THE CLAIMS:

Please amend claims 3 – 11 as shown in the following listing of the entire claims in the application.

1. (Withdrawn) A hybridization reaction method, comprising the steps of:
dropping a sample solution containing a sample biopolymer on a cover glass;
and placing a slide glass having a probe biopolymer fixed thereon on the cover glass
with the fixed probe biopolymer facing down.
2. (Withdrawn) A hybridization reaction method according to claim 1, further
comprising a step of placing the cover glass on a silicone sheet prior to the step of
dropping the sample solution.
3. (Currently Amended) A hybridization kit device, comprising:
a tray provided with a hollow for placing a slide glass having at least one biopolymer
fixed thereon;
a sheet for fixedly placing a cover glass onto an inner bottom of the tray in the
hollow, said cover glass being to be covered with the slide glass from above with a
sample biopolymer solution sandwiched therebetween;
a case for accommodating the tray therein; and
a cap for sealing the tray within the case.
4. (Currently Amended) The hybridization kit device according to claim 3, wherein the
sheet is made of silicone.
5. (Currently Amended) The hybridization kit device according to claim 3, wherein the
longitudinal length of the sheet is generally equal to the length of the hollow.
6. (Currently Amended) The hybridization kit device according to claim 3, wherein the
sheet is made of silicone, and the longitudinal length of sheet is generally equal to the
length of the hollow.

7. (Currently Amended) The hybridization kit device according to claim 3, wherein the sheet has a guideline for defining the positioning of the cover glass.
8. (Currently Amended) The hybridization kit device according to claim 3, wherein the sheet is made of silicone, and the sheet has a guideline for defining the positioning of the cover glass.
9. (Currently Amended) The hybridization kit device according to claim 3, wherein the longitudinal length of the sheet is generally equal to the length of the hollow, and the sheet has a guideline for defining the positioning of the cover glass.
10. (Currently Amended) A hybridization kit device, comprising:
 - a tray having a hollow for placing a slide glass having at least one biopolymer fixed thereon, the tray having a convex protruding from an inner bottom of the tray into the hollow, said convex being fixedly placed with a cover glass thereon, said cover glass being covered with the slide glass from above with a sample biopolymer solution sandwiched therebetween;
 - a case for accommodating the tray therein; and
 - a cap for sealing the tray within the case.
11. (Currently Amended) The hybridization kit device according to claim 10, wherein the convex has a cover glass positioning groove for determining the position for placing the cover glass.
12. (Previously presented) A device for conducting hybridization assays, comprising:
 - a tray defining a hollow, the hollow having an inner bottom;
 - a sheet configured to receive a cover glass and configured to be positioned on the inner bottom of the hollow;
 - a slide glass coupled with a biopolymer and positioned adjacent to the cover glass;
 - a case configured and dimensioned to receive the tray; and
 - a cap configured and dimensioned to couple with the case.

13. (Previously presented) A device for conducting hybridization assays, comprising:
 - a tray defining a hollow, the tray having a convex inner bottom;
 - wherein, the convex is configured and dimensioned to receive a cover glass;
 - a slide glass coupled with a biopolymer and positioned adjacent to the cover glass;
 - a case configured and dimensioned to receive the tray; and
 - a cap configured and dimensioned to couple with the case.